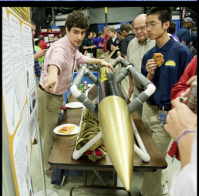




2012 NASA SLP

Student Launch Projects



Rocket Fair

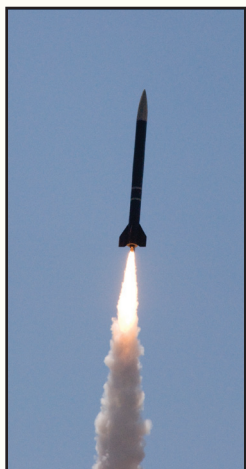
April 20
11 a.m.–1 p.m.
Building 4316

Launch Day

April 21
Opening ceremonies
begin at 7:30 a.m.
Bragg Farm

Rain Day

April 22
Opening ceremonies
begin at 7:30 a.m.
Bragg Farm



Rocket Fair

MSFC Activities Building (4316)

Fair Day: April 20

11 a.m. – 1 p.m.

Free Pizza!

NASA Student Launch Projects (SLP)

Bragg Farms

Launch Day: April 21

Opening ceremonies begin at 7:30 a.m.

Rain Date

Bragg Farms

Launch Day: April 22

Opening ceremonies begin at 7:30 a.m.

Launch is free and open to the public.

What are the Student Launch Projects?

The NASA Student Launch Projects (SLP) challenges middle school, high school, and college students in designing, building, and launching a reusable rocket to 1-mile above ground level with a scientific or engineering payload. SLP is an 8-month commitment requiring teams to submit a series of reports and reviews, develop a Web site, provide educational engagement in their local community, and provide a timeline, a budget, and other requirements.

Are these projects contests?

University Student Launch Initiative (USLI) – College and University: Yes. Each USLI team is competing for various prizes including a grand prize of \$5,000 sponsored by ATK Aerospace Systems. The overall winner will be announced after the final reports are completed.

Student Launch Initiative (SLI) – Middle and High School: No. However, all SLI teams competed and placed in the top at the Team America Rocketry Challenge (TARC) or the Rockets for Schools Competition. As a result, teams were eligible to propose to be a part of this year's SLI.

Information can be obtained from the following:

- USLI: education.msfc.nasa.gov/usli
- SLI: education.msfc.nasa.gov/sli
- Julie Clift at julie.d.clift@nasa.gov or Eddie Jeffries (Jacobs ESTS) at edward.m.jeffries@nasa.gov

Launch day information line: 256-961-1334.

Directions to Bragg Farms

1180 Grimwood Road, Toney, Alabama 35773

From MSFC:

1. North on Research Park Blvd. (Hwy 255) to Pulaski Pike.
2. Turn north (left) onto Pulaski Pike.
3. Go 3.6 miles until Pulaski Pike veers to the left. Instead of following Pulaski Pike, go straight onto Patterson Lane. There will immediately be a sharp right turn.
4. After 0.7 miles, turn left on Murphy Hill Road, which is the first road to the left.
5. Take Murphy Hill Road 1.8 miles to Grimwood Road.
6. Turn east (right) on Grimwood.
7. Take Grimwood 0.9 miles to Bragg Farms. The farm will be on the south side of Grimwood Road.

From Downtown Huntsville:

1. Take Hwy 231/431 North to Grimwood Road. Grimwood Road is 5 miles north of Bob Wade Lane and 0.7 miles north of Meridianville Middle School.
2. Turn west (left) onto Grimwood Road.
3. Go 2.5 miles to Bragg Farms. The farm will be on the south side of Grimwood Road.

What to bring:

- Chairs.
- Small cooler with lunch and snacks.
- Food vendors will be available at the launch field and accepting cash only.
- Sturdy shoes.
- Insect repellent.
- Appropriate weather related items: sunscreen, sunglasses, hat, jacket.

Safety Statement

Please be advised that hazards are inherent in launching and in viewing launches. By accepting the invitation to view the launch, you indicate your understanding of the potential risk.

Although NASA applies stringent range safety principles and techniques to protect the general public, workforce, and property during launch, in the event of an inadvertent circumstance, hazards including debris, blast, and toxics may occur.

It is imperative that you stay within controlled areas, stay with your group, and strictly follow all instructions provided by NASA.

NASA Student Launch Projects are sponsored by ATK Aerospace Systems with the annual launch event hosted at Bragg Farms in Toney, Alabama. Launch services are provided by the National Association of Rocketry.

2011–2012 NASA Student Launch Initiative Teams

AIAA Orange County Section — Orange, CA
Falls Church High School — Falls Church, VA
Harmony Magnet Academy — Strathmore, CA
Hart County 4-H — Munfordville, KY
Ingraham High School — Seattle, WA
Katalyst for Katastrophy — Spring Grove, IL
Lake Zurich High School — Lake Zurich, IL
Madison West High School Project Diffusion — Madison, WI
Madison West High School Project Vibrations — Madison, WI
Plantation High School Team 2 — Plantation, FL
Plantation High School Team 1 — Plantation, FL
Presidio High School Team Pride — Presidio, TX
Presidio High School Team Spirit — Presidio, TX
St. Thomas High School — Houston, TX
Thomas Jefferson High School — Alexandria, VA

2011–2012 NASA University Student Launch Initiative Teams

Alabama A&M University — Normal, AL
California State Polytechnic University — Pomona, CA
Clark College — Vancouver, WA
Fisk University — Nashville, TN
Florida A&M University — Tallahassee, FL
Florida State University — Tallahassee, FL
Georgia Institute of Technology — Atlanta, GA
Harvey Mudd College — Claremont, CA
Iowa State University — Ames, IA
Massachusetts Institute of Technology — Cambridge, MA
Mississippi State University — Starkville, MS
Missouri University of Science & Technology — Rolla, MO
New Mexico State University — Las Cruces, NM
North Carolina State University — Raleigh, NC
Northwest Indian College — Bellingham, WA
Pennsylvania State University — University Park, PA
Purdue University — West Lafayette, IN
Rensselaer Polytechnic Institute — Troy, NY
Saint Louis University — St. Louis, MO
Santa Fe College — Gainesville, FL
Tuskegee University — Tuskegee, AL
University of Alabama — Tuscaloosa, AL
University of Alabama in Huntsville — Huntsville, AL
University of Alaska — Fairbanks, AK
University of Central Florida — Orlando, FL
University of Colorado — Boulder, CO
University of Evansville — Evansville, IN
University of Florida — Gainesville, FL
University of Louisville — Louisville, KY
University of Michigan — Ann Arbor, MI
University of Minnesota — Minneapolis, MN
University of Nebraska — Lincoln, NE
University of North Carolina — Charlotte, NC
University of North Dakota — Grand Forks, ND
University of Notre Dame — South Bend, IN
University of South Alabama — Mobile, AL
University of Washington — Seattle, WA
Utah State University — Logan, UT
Vanderbilt University — Nashville, TN
Virginia Tech University — Blacksburg, VA
Windward Community College — Kaneohe, HI

National Aeronautics and Space Administration

Marshall Space Flight Center

Huntsville, AL 35812

www.nasa.gov/centers/marshall